

# Converting Colors

Hex(8DE872)

Have a look what the booklet for  
Hex(8DE872) contains.

|  |    |
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**Color**

**Hex(8DE872)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 8DE872                       |
| RGB         | 141, 232, 114                |
| RGB Percent | 55%, 91%, 45%                |
| CMY         | 0.4471, 0.0902, 0.5529       |
| CMYK        | 0.39, 0.00, 0.51, 0.09       |
| HSL         | 106°, 72%, 68%               |
| HSV         | 106°, 51%, 91%               |
| XYZ         | 42.8784, 64.5909, 26.1269    |
| YIQ         | 191.3390, -16.3580, -55.9900 |

# Conversions

## Conversions Part 2

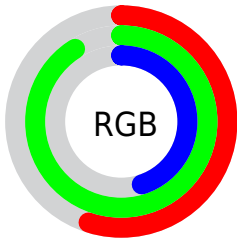
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 114, 232, 205                   |
| Decimal                             | 9300082                         |
| CIELab                              | 84.27, -48.73, 48.60            |
| CIELCh                              | 84, 68.827, 135.078             |
| Yxy                                 | 64.5909, 0.3210,<br>0.4835      |
| Android<br>(android.graphics.Color) | 4287490162<br>(0xFF8DE872)      |
| YUV                                 | 191.3390, -38.1281,<br>-44.1473 |
| Hunter-Lab                          | 80.3684, -45.4110,<br>36.9833   |

# Details

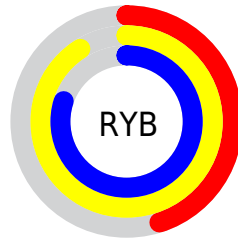
The Hex color **8DE872** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **CD72E8**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **C7FFA8**, and **54B03E** is the 20% darker color. If you saturate the color by 10%, you get **7BE85B**, and if you desaturate by 10%, it is **9FE889**.

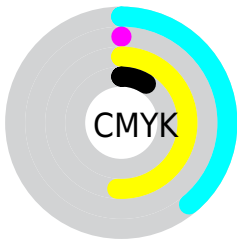
# Distribution



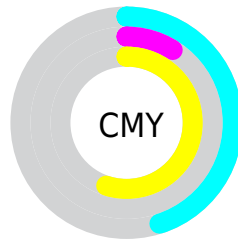
- Red (55%)
- Green (91%)
- Blue (45%)



- Red (45%)
- Yellow (91%)
- Blue (80%)



- Cyan (39%)
- Magenta (0%)
- Yellow (51%)
- Black (9%)



- Cyan (45%)
- Magenta (9%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DE872 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 8DE872 by changing the saturation by 10% instead.



 8DE872

 8DE872

FFFFFF

 71CB58

 C7FFA8

 54B03E

 E4FFC4

 369423

 FFFFE1

 0E7A00

FFFFFFE

 006000

 004800

 003100

 001800

 000000

 8DE872

 8DE872

 7BE85B

 9FE889

 69E844

 B1E8A0

 57E82C

 C3E8B8

 45E815

 D5E8CF

 35E800

 E6E8E6

 F8E8FD

 FFE8FF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D7D94C



8DE872



00F0AF

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8DE872



00E3FF



FF99B4

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8DE872



CD72E8

# Split Complementary

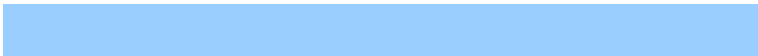
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF9DF5



8DE872



9ACEFF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8DE872



00EEFF



FFB3FF



FFAA79

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8DE872



00F2DC



FFB3FF



FF98CA

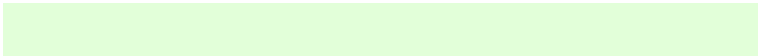


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8DE872



E2FFD9



E8CC72



6E8069



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8DE872



87FF63



72E891



6A7367



29B300



0C3300



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CD72E8



DB63FF



E872C9



706773



8A00B3

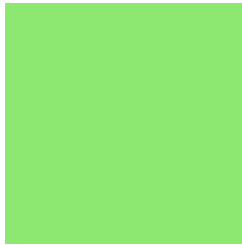


270033



# Previews

## White Background



This preview shows how the Hex color 8DE872 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 8DE872 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8DE872 Background



This preview shows how black text looks on a background with the Hex color 8DE872.

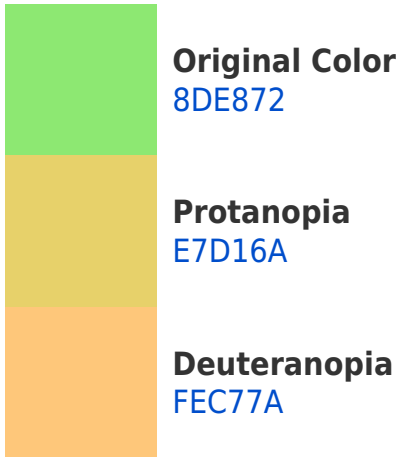


This preview shows how white text looks on a background with the Hex color 8DE872.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

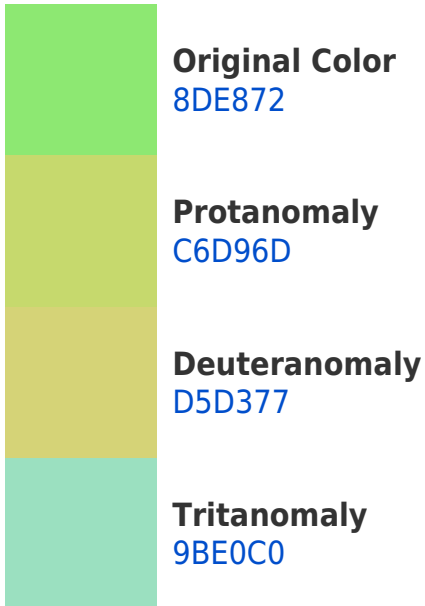
## Dichromacy



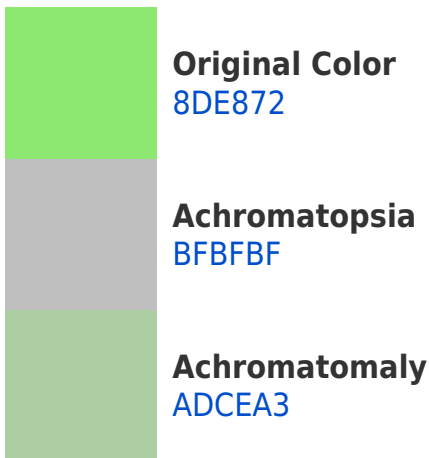


**Tritanopia**  
A3DBEC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DE872 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #8DE872 looks like.

```
.text, #text, p{  
    color:#8DE872  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #8DE872 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DE872
}
```

## Border

The CSS property to change the border of an element to Hex 8DE872 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8DE872 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#8DE872 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #8DE872 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DE872; -webkit-box-shadow:4px 4px  
4px 4px #8DE872; box-shadow:4px 4px 4px  
4px #8DE872 }
```

# Background

The CSS property to change the background color of an element to Hex 8DE872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DE872 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#8DE872 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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